

# MAVRIK® PERIMETER

**FOR COMMERCIAL USE ONLY ON OUTDOOR ORNAMENTAL PLANTINGS, PLANTSCAPES, TREES, SHRUBS, OUTSIDE SURFACES AND AROUND BUILDINGS (PERIMETER TREATMENT)  
PERIMETER TREATMENT AGAINST A WIDE RANGE OF INSECTS INCLUDING MOSQUITOES AND FIRE ANTS**

**IDEAL FOR APPLICATIONS WITHOUT THE WORRY OF WATERING-IN**

**CONTAINS TAU-FLUVALINATE**

**SMALL, EASY TO USE 8 OZ. BOTTLE**

## SPECIMEN LABEL

**ACTIVE INGREDIENT:**

Tau-fluvalinate (CAS #102851-06-9) . . . . . 22.3%

**OTHER INGREDIENTS:** . . . . . 77.7%

Total . . . . . 100.0%

MAVRIK® PERIMETER is a flowable formulation containing 2 pounds tau-fluvalinate per gallon (240 g/L).

EPA Reg. No. 2724-478

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See Additional Precautionary Statements and First Aid

**SHAKE WELL BEFORE USING**

Not for use on plants or trees being grown for sale or other commercial use, for commercial seed production, for the production of timber or wood products, or for research purposes. For use only on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks and grounds.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed, inhaled, or absorbed through skin. **Avoid Breathing Spray Mist.** Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>• Call a poison control center for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24 Hour Medical or Chemical Emergency Assistance, call Wellmark International 1-800-248-7763.

Sensitive individuals may temporarily experience an itching, burning, or tingling sensation, with or without a rash, following exposure. These symptoms will usually subside without requiring medical treatment. Avoid hand or sleeve-to-face contact. Prior to exposure or after washing, an application of corn oil to exposed skin may reduce these symptoms. Certain persons may be sensitive to MAVRIK Perimeter®'s fine spray particles.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Protective clothing
- Rubber gloves while handling; workers in frequent contact with treated foliage should wear light barrier gloves to reduce excess exposure.
- For sensitive persons, use a NIOSH approved respirator with any R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. This product is toxic to honey bees if bees are exposed to direct application. However, dried residues of this product are non-toxic to honey bees. Treat during non-foraging periods to minimize adverse effects. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not apply when weather conditions favor drift from the target area. Do not contaminate water when disposing of equipment washwaters.

### PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store away from direct sunlight or heat. Pesticides must be stored in a secured area away from other products, food, or feed. In case of spill

or leak, soak up with soil or other absorbent material. Do not use caustic agents.

**Pesticide Disposal:** Wastes resulting from the use of MAVRIK Perimeter may be disposed of on site or at any approved waste disposal facility.

**Container Disposal:** Triple rinse container (or equivalent). Puncture and dispose of in a sanitary landfill, by incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Keep unprotected people, children and pets out of treated area until spray has dried. Some sensitive pets eating or coming in contact with freshly treated plants may demonstrate vomiting and respiratory distress.

For end use only. Do not repackage or reformulate without manufacturer's written approval. Do not apply this product by aerial application or through any type of irrigation system.

### GENERAL DIRECTIONS

MAVRIK Perimeter controls insects and controls or suppresses mite pests when used at recommended rates. MAVRIK Perimeter works primarily through contact action, good spray coverage is necessary. Treat when pests are immature or at a susceptible stage and populations are manageable, before crop damage occurs. Repeat applications as needed, but not more than 4 times per month at 5-7 day intervals, unless otherwise noted in use directions. Where heavy populations are present, use repeated applications at 5-6 day intervals to bring pests under adequate control. Residues of MAVRIK Perimeter can continue to control certain insect pests for a week or longer. Growth dilution, climatic variables, and pest habits determine retreatment needs.

Dilute MAVRIK Perimeter in sufficient water to give thorough spray coverage based on local experience. Buffer spray water to pH 5-7, if necessary. When MAVRIK Perimeter is mixed with wettable powders, add powders to the tank first using good agitation. Check for physical and biological compatibility prior to use.

Dried residues of MAVRIK Perimeter are non-toxic and non-repellent to honey bees. Treat during non-foraging periods to minimize adverse effects.

For best results under varying conditions, a range of use rates is recommended. The higher rates must be selected when pest pressure or damage potential is severe. The lower rates often give acceptable economic results.

Consult your local extension office, pest management consultant, or a Wellmark

International specialist for guidance in selecting a rate and timing schedule or tank mix combination that has demonstrated good performance under specific conditions.

**Treatments of Outside Surfaces and Around Buildings:** For control of aphids, thrips, mites, clover mites, whiteflies, leaf-feeding caterpillars (i.e., tent, orlando, gypsy moth, bagworm, canker worm, etc.), lygus plant bugs, beetles (flea, cucumber, elm leaf), leafhoppers, earwigs\*, ticks, brown dog ticks, ants\*, fire ants, crickets\*, armyworms, cutworms, chiggers\*, fleas, sowbugs\*, millipedes\*, springtails (Collembola)\*, adelgids, mosquitoes, weevils\* (strawberry root, obscure root, blackvine root), psyllids, mealybugs, two-spotted spider mites, glassy-wing sharpshooters. \*Except in California

Mix 1 tablespoon (0.5 oz, 15 ml) per 5 gallons of water and apply MAVRIK Perimeter using a low pressure coarse fan spray, applying the MAVRIK Perimeter in even bands to surfaces where pests are a problem. Refrain from applying to the point of runoff. Crack and crevice applications may be made using a pinstream nozzle to pest harborage sites. Applications can be made to outside surfaces of buildings including, but not limited to, porches, window frames, eaves, foundations, patios, refuse dumps, vegetation areas adjacent to or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, and other residential and non-commercial structures, soil, trunks of woody ornamentals, and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

**Perimeter Treatments:** Apply MAVRIK Perimeter to a band of soil and/or vegetation 6 to 10 feet wide around and adjacent to the structure. Also treat the foundation of the structure to a height of 1 to 2 feet. Use a spray volume of 5 gallons per 1000 square feet. Mix MAVRIK Perimeter at a rate of 1 tablespoon (0.5 oz, 15 ml) per 5 gallons of water. Higher volumes of water may be needed if mulch or leaf litter is present or foliage is dense.

**Individual Ant Mound Treatments:** To control mounding ant colonies including the fire ant, thoroughly mix  $\frac{2}{3}$  teaspoons (0.1 fl oz, 3 ml) of MAVRIK Perimeter with 1 gallon of water. Drench the mound using 1 gallon of dilution per mound. Apply the dilution starting on the perimeter of the mound and ending at the center of the mound until the entire mound is wet but not to the point of runoff.

## PERIMETER & ORNAMENTAL TREATMENTS

**Landscape Ornamentals:** (including trees, shrubs, evergreens, flowers, foliage plants.

**Pests:** aphids, thrips, mites, clover mites, whiteflies, leaf-feeding caterpillars (i.e., tent, orlando, gypsy moth, bagworm, canker worm, etc.), lygus plant bugs, beetles (flea, cucumber, elm leaf), leafhoppers, earwigs\*, ticks, brown dog ticks,

ants\*, crickets\*, armyworms, cutworms, chiggers\*, fleas, sowbugs\*, millipedes\*, springtails (Collembola)\*, adelgids, mosquitoes, mealybugs, two-spotted spider mites, glassy-wing sharpshooters.

**Amount of MAVRIK Perimeter in Water to Make**

**5 Gallons:** 1.33–3 teaspoons (0.2–0.5 fl oz, 6–15 ml)

**1 Gallon:**  $\frac{1}{3}$ – $\frac{2}{3}$  teaspoons (0.4–0.1 fl oz, 1.2–3 ml)

**Specific Directions:** Use sufficient water to cover the foliage. Use lower rates for light to moderate insect pressure. Use higher rates for green peach aphids, unexposed thrips, and heavy pressure of other insects. Mite suppression can be obtained using the lower rate. For more residual control, use up to 0.1 fl oz/1 gal water.

**Pest:** Fire Ants

**Amount of MAVRIK Perimeter in Water to Make**

**5 Gallons:** 1 tablespoon (0.5 fl oz, 15 ml)

**1 Gallon:**  $\frac{2}{3}$  teaspoon (0.1 fl oz, 3 ml)

**Specific Directions:** Individual ant mound treatment - To control mounding ant colonies including the fire ant, thoroughly mix  $\frac{2}{3}$  teaspoons (0.1 fl oz, 3 ml) of MAVRIK Perimeter with 1 gallon of water. Drench the mound using 1 gallon of dilution per mound. Apply the dilution starting on the perimeter of the mound and ending at the center of the mound until the entire mound is wet but not to the point of runoff.

\*Except in California

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For more information, call **1-800-248-7763** or visit our Web site: **www.zoecon.com**



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